

## Physiology & Biophysics Labs Welcoming Undergraduate Students Inquiries

A list of tips and tricks to make a positive first contact with potential supervisors is available [here](#).

Principal Investigator	Research Interests	Website	Email address
Dr. Melina Agosto	Molecular mechanisms of synaptic signaling in the retina	<a href="#">Faculty profile</a>	<a href="mailto:agosto@bcm.edu">agosto@bcm.edu</a>
Dr. Younes Anini	Endocrinology and neuroendocrinology, obesity, type 2 diabetes, gestational diabetes, appetite control, energy homeostasis, fertility	<a href="#">Faculty profile</a>	<a href="mailto:younes.anini@dal.ca">younes.anini@dal.ca</a>
Dr. Valerie Chappe	Respiratory physiology, molecular and genetic physiology, genetic disease, cystic fibrosis, CFTR	<a href="#">Lab website</a>	<a href="mailto:valerie.chappe@dal.ca">valerie.chappe@dal.ca</a>
Dr. Ketul Chaudhary	Cardiovascular physiology, stem cells, right heart failure	<a href="#">Faculty profile</a>	<a href="mailto:ketul.chaudhary@dal.ca">ketul.chaudhary@dal.ca</a>
Dr. Balwantray Chauhan	Retinal pathophysiology, experimental and clinical glaucoma	<a href="#">Lab website</a>	<a href="mailto:bal@dal.ca">bal@dal.ca</a>
Dr. Roger Croll	Evolution of the nervous system, developmental neurobiology, simple models for learning and memory, organization of the olfactory system	<a href="#">Faculty profile</a>	<a href="mailto:roger.croll@dal.ca">roger.croll@dal.ca</a>
Dr. Xianping Dong	Molecular and genetic physiology, ion channels, transporters, autophagy, lysosomal storage diseases, neurodegenerative diseases	<a href="#">Faculty profile</a>	<a href="mailto:xpdong@dal.ca">xpdong@dal.ca</a>
Dr. Yassine El Hiani	Cancer signaling: from molecular biology to targeted therapy Cystic fibrosis: structural and function of the CFTR and SLC26A9 chloride channels	<a href="#">Faculty profile</a>	<a href="mailto:yassine.elhiani@dal.ca">yassine.elhiani@dal.ca</a>

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Dr. Alan Fine	Mechanisms of information processing and storage in the central nervous system, development of advanced optical imaging methods	<a href="#">Faculty profile</a>	<a href="mailto:a.fine@dal.ca">a.fine@dal.ca</a>
Dr. Andrew French	Neurophysiology, sensory physiology (including mechanosensory), osmosensory and visual, neural coding, bioinformatics	<a href="#">Lab website</a>	<a href="mailto:andrew.french@dal.ca">andrew.french@dal.ca</a>
Dr. Stefan Krueger	Cellular neurophysiology, synaptic transmission, cellular imaging methods	<a href="#">Faculty profile</a>	<a href="mailto:stefan.krueger@dal.ca">stefan.krueger@dal.ca</a>
Dr. Christian Lehmann	Local and systemic inflammation, intravital imaging	<a href="#">Faculty profile</a>	<a href="mailto:chlehmann@dal.ca">chlehmann@dal.ca</a>
Dr. Paul Linsdell	Ion channel structure and function	<a href="#">Faculty profile</a>	<a href="mailto:paul.linsdell@dal.ca">paul.linsdell@dal.ca</a>
Dr. Alex Quinn	Cardiac pathophysiology	<a href="#">Faculty profile</a> <a href="#">Lab Website</a>	<a href="mailto:alex.quinn@dal.ca">alex.quinn@dal.ca</a>
Dr. Paivi Torkkeli	Synaptic control of sensory transduction, mechanotransduction	<a href="#">Lab website</a>	<a href="mailto:paivi.torkkeli@dal.ca">paivi.torkkeli@dal.ca</a>
Dr. Sarah Wells	Biomedical engineering, biomaterials, tissue engineering	<a href="#">Faculty profile</a>	<a href="mailto:sarah.wells@dal.ca">sarah.wells@dal.ca</a>